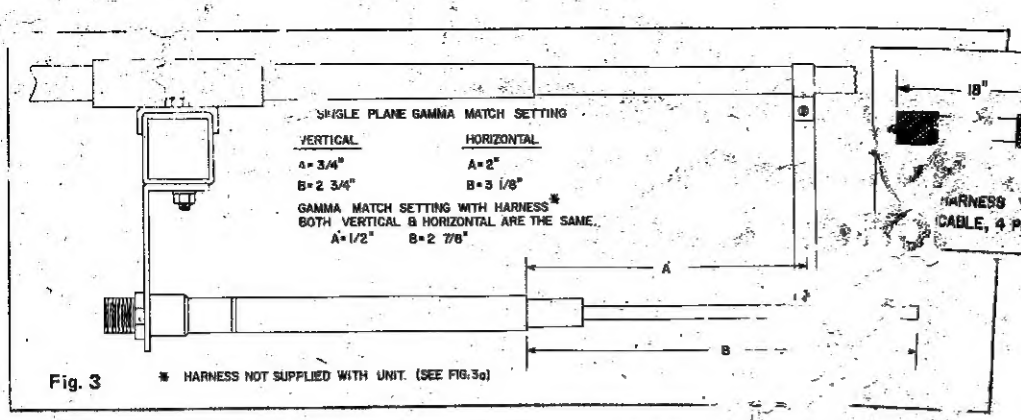

Fig. 3 * HARNESS NOT SUPPLIED WITH UNIT. (SEE FIG.3a)

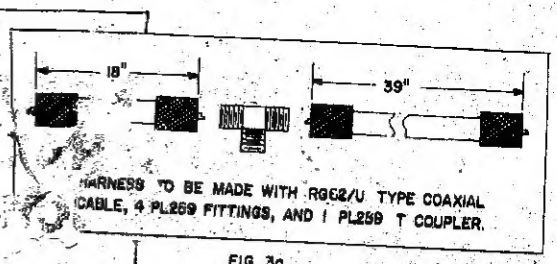

FIG. 3a

GAMMA MATCH ASSEMBLY — Locate the gamma arm assemblies. Securely fasten the threaded connector end using the 5/8-24 hex nut to the gamma arm bracket. Locate the two 1/4" rod clamps and two 1/2" tube clamps. Referring to Figure 3, place the 1/4" rod clamps on the 1/4" rods on the gamma arm assemblies, and the tube clamps on the 1/2" driven elements (DE) approximate location shown in Figure 3.

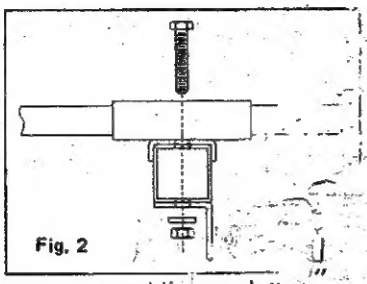

Fig. 2

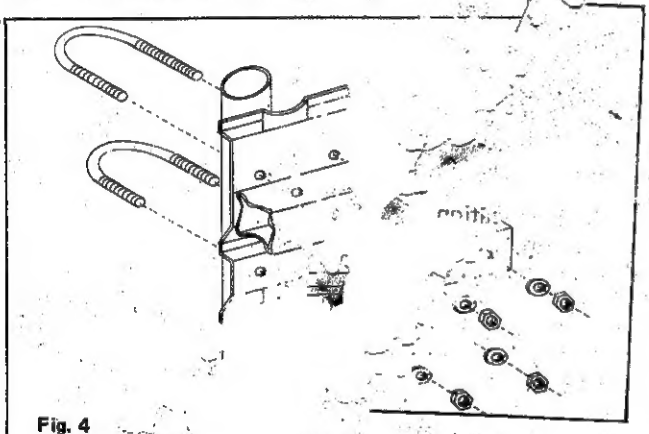

Fig. 4

the two 2 1/8" x 3/8" shorting straps and, using 8-32 x 1/2" slotted screws, #8 external tooth lockwashers, and 8-32 hex nuts, assemble the shorting straps to the clamps.

NOTE: This adjustment is critical for proper performance. After installation, if you so desire, you may peak the gamma matching system for best V.S.W.R. at your site location. However, the above pretested factory measurements generally will give the lowest V.S.W.R. and best match to 50 ohm coax cable.

FINAL ASSEMBLY — Loosely assemble the "U Bolt" and saddle assembly, referring to [illegible] Mount the supporting mast to the antenna and tighten the hardware. **NOTE:** The minimum length for the mast should be 10 ft.

Install the 1/2" end caps on the end of each element, and the boom end caps.

This completes the assembly of your FINCO Stinger.

INSTALLATION

Before installing the antenna on the supporting structure, route the coaxial feed line to the gamma arms. It is recommended that you weatherproof these connections with Neoprene or other rubber compound substance. This will prevent moisture from deteriorating your antenna performance.

Install your antenna keeping in mind the warning on the first page.

MODEL STINGER A2+2 PARTS LIST

Qty.	Description	Part No.
1	1" x 1 1/4" x 50' Square Boom Stock	67235
1	1/2" O.D. x 34 1/2" Element with Boom Bracket	68723
1	3/4" O.D. x 35" Element with Boom Bracket	68724
1	1/2" O.D. x 39" Element with Boom Bracket	68725
2	1/2" O.D. x 41" Element with Boom Bracket	68726
1	Gamma Arm Assembly	10103
2	Gamma Arm Mounting Bracket	23204
2	2 1/8" Long Gamma Arm Shorting Strap	41201
1	[illegible] Boom Bracket	23001
1	[illegible]	23002

Qty.	Description
2	2 3/4" Long U-Bolt
1	4" Long U-Bolt
2	1/2" Tube Clamp
2	1/4" Rod Clamp
20	8-32 x 1/2" Slotted Head Screws
4	1/4-20 x 1 3/4" Hex Head Bolts
4	5/16" Lockwashers (U-Bolt)
4	5/16 - 18 Hex Nuts (U-Bolt)
2	1 1/4" Square End Caps (Boom)
2	5/8" I.D. Internal Lock Washers
2	5/8-24 Hex Nuts
4	#8 External Tooth Lockwashers
4	8-32 Hex Nuts
20	1/4" Lockwashers
20	1/4-20 Hex Nuts
20	1/2" Dia. End Caps (Elements)

THE FINNEY COMPANY

FINCO, the Champion of all Electronic Independent Service!

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